Alex Bisaillion

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Education

Bachelor of Computer Science, Minor in Mathematics
Carleton University, Ottawa, ON
4th year standing, 11.71/12.00 GPA
Expected graduation date: December 2020

Awards

- Juniper Networks Engineering Scholarship
- Dean's List

Technical Skills

Object Oriented Software Development
- Java, JavaFX, Swing, C#, .NET

Web Development
- JavaScript, Node.js, ReactJS, HTML5, CSS3

Tools and Additional Languages
- Git, Ubuntu, JUnit, Selenium
- Python, C, C++

Work Experience

Teaching Assistant   July 2017 – April 2018, January 2019 – April 2019
Carleton University School of Computer Science – Ottawa, ON   September 2019 – Present
- Help students build fundamental web development skills in JavaScript and object oriented programming skills in Java through teaching tutorial classes and hosting weekly office hours
- Develop highly accurate and readable solution sets to the weekly tutorial exercises
- Evaluate students' work in assignments, midterms, and tests in a timely fashion
- Nominated for an Outstanding TA Award for the 2018 school year

Application Developer Co-op   September 2018 – December 2018,
Kinaxis – Ottawa, ON   April 2019 – August 2019
- Contributed to Kinaxis' RapidReponse product to increase usability for the end user and secure the product from an internal standpoint through server and client side development
- Decoupled RapidResponse from a third party library through development of a new API to abstract library usage, leading to vast improvements in product performance and reductions in upkeep costs
- Actively participated in agile software development practices through daily standup meetings, sprint planning and retrospectives, demonstrations, and code reviews

Software Developer
InGenius Software – Ottawa, ON   April 2018 – August 2018
- Worked within the automation team to automate testing of the InGenius Connector Enterprise product through translation of manual tests into automated tests
- Contributed new functionality to the automation framework to facilitate the output of automated tests

Applied Projects

Split Scrobbler
- ReactJS web application developed to allow Last.fm users to find discrepancies in artists, albums, or tracks in their library
- Available at split-scrobbler.herokuapp.com

Local Music Manager
- Manages a music library through Python scripting to the iTunes COM interface
- Handles archive extraction, file tagging, and file I/O in Java, with UI implemented using JavaFX

Personal Website
- Node.js Express server that houses live updates of music listening habits through the Spotify API
- ReactJS client-side written using HTML5 and CSS3
- Deployed to Heroku at alexbisaillion.me